Title: "REAGENTS AND METHODS"

Inventors: Glenn H. McGall, et al.

Figure 1a

Unsymmetrical Dissulfide Linker (UDL)

Br

OH

Br

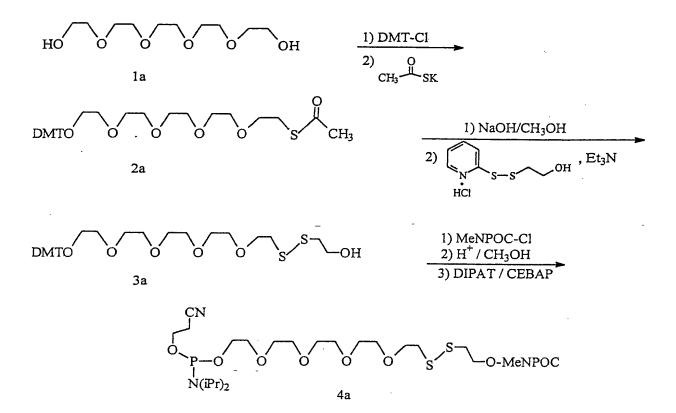
$$2$$

HS

 3
 $(HO \longrightarrow S) S$
 4
 $DMT-O \longrightarrow S-S$
 5
 $M(Pr)_2$
 $M(Pr)_2$

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Figure 1b



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Figure 1c

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Figure 2

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Figure 3

$$P_{1} = O \qquad Y$$

$$P_{2} = Solid support$$

$$Q = Solid support$$

[oligonucleotide]—O—P—O + CH_3O + Z—(X)—Q—(X)

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Figure 4

[oligonucleotide]
$$-O$$
 $\stackrel{O}{\stackrel{H}{\stackrel{}}}-O$ $^{-}$ + $\stackrel{Y}{=}$ Z $-(X)-Q$ $-$

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Figure 5

3с

$$FL(iBu)_2 =$$